

Docket No.: 0020-5483PUS1  
(Patent)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:

Kenji OTA et al.

Application No.: 10/578,517

Confirmation No.: 1726

Filed: May 08, 2007

Art Unit: 2627

For: TAPE DRIVE

Examiner: GARCIA,  
CARLOS E

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is the Official Filing Receipt for the above-identified application.

**THE FOLLOWING CORRECTION(S) IS/ARE RESPECTFULLY REQUESTED:**

The title of the invention is incorrect. Please replace

“BAND-PASS DELTA-SIGMA AD MODULATOR FOR AD-CONVERTING  
HIGH FREQUENCY NARROW SIGNAL WITH HIGHER PRECISION AND  
LOWER CONSUMPTION” with -- TAPE DRIVE--.

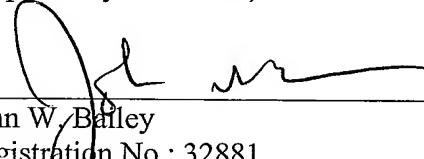
Support for the correction(s) is readily apparent on the attached copy of the Declaration/Power of Attorney. It is respectfully requested that the USPTO provide a new Official Filing Receipt with the correction(s) indicated above.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

Dated: AUG 09 2010

Respectfully submitted,

By

  
John W. Bailey  
Registration No.: 32881  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road, Suite 100 East  
P.O. Box 747  
Falls Church, VA 22040-0747  
703-205-8000

Attachment



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
10/578,517	05/08/2007	2627	1680	0020-5483PUS1	16	5

CONFIRMATION NO. 1726

2292  
BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA22040-0747

FILING RECEIPT

Date Mailed: 08/23/2007

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Kenji Ota, Ibaraki-shi, JAPAN;  
Keiji Ban, Ibaraki-shi, JAPAN;  
Kosuke Amano, Ibaraki-shi, JAPAN;  
Toshiro Nishiwaki, Ibaraki-shi, JAPAN;  
Yasuo Inukai, Ibaraki-shi, JAPAN;  
Akihiro Yasui, Ibaraki-shi, JAPAN;

Assignment For Published Patent Application

Hitachi Maxell, LTD., Ibaraki-shi, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 02292

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/16674 11/10/2004

Foreign Applications

JAPAN 2003-381010 11/11/2003  
JAPAN 2003-385799 11/14/2003  
JAPAN 2003-385800 11/14/2003  
JAPAN 2004-008888 01/16/2004

If Required, Foreign Filing License Granted: 08/20/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/578,517**

**Projected Publication Date:** 11/29/2007

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Band-Pass-Delta-Sigma-Ad-Modulator For Ad-Converting-High-Frequency-Narrow-Signal  
With-Higher-Precision-and-Lower-Consumption - TAPE DRIVE --

**Preliminary Class**

360

### **PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

### **LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a

license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING**

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verify believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

TAPE DRIVE

Fill in Appropriate

the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information -  
For Use Without  
Specification  
Attached:

The specification was filed on \_\_\_\_\_ as \_\_\_\_\_  
United States Application Number \_\_\_\_\_;  
and amended on \_\_\_\_\_ (if applicable) and/or  
the specification was filed on November 10, 2004 as PCT  
International Application Number PCT/JP2004/016674; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<u>2003-381010</u>	<u>Japan</u>	<u>11/11/2003</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		
<u>2003-385799</u>	<u>Japan</u>	<u>11/14/2003</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		
<u>2003-385800</u>	<u>Japan</u>	<u>11/14/2003</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		
<u>2004-008888</u>	<u>Japan</u>	<u>01/16/2004</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)		

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested  
Information:  
(If appropriate)

Country	Application Number	Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>	<u>(Status - patented, pending, abandoned)</u>

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)**

Telephone: (703) 205-8000

Faxsimile: (703) 205-8050

PLEASE NOTE:  
YOU MUST  
COMPLETE  
THE  
FOLLOWING:  
↓

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor if this  
Document is Signed  
→

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME Kenji OTA	INVENTOR'S SIGNATURE <i>Kenji Ota</i>	DATE* Jun 2, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		
GIVEN NAME/FAMILY NAME Keiji BAN	INVENTOR'S SIGNATURE <i>Keiji Ban</i>	DATE* Jun. 2, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		
GIVEN NAME/FAMILY NAME Kosuke AMANO	INVENTOR'S SIGNATURE <i>Kosuke Amano</i>	DATE* Jun. 2, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		
GIVEN NAME/FAMILY NAME Toshiro NISHIWAKI	INVENTOR'S SIGNATURE <i>Toshiro Nishiwaki</i>	DATE* Jun. 2, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		
GIVEN NAME/FAMILY NAME Yasuo INUKAI	INVENTOR'S SIGNATURE <i>Yasuo Inukai</i>	DATE* Jun. 2, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		
GIVEN NAME/FAMILY NAME Akihiro YASUI	INVENTOR'S SIGNATURE <i>Akihiro Yasui</i>	DATE* Jun. 7, 2006
Residence (City, State & Country) Ibaraki-shi, Osaka, JAPAN		CITIZENSHIP JAPAN
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o Hitachi Maxell, Ltd., 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 Japan		